

Applicant : Michel Jean Gross
Serial No. :
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Attorney's Docket No.: 19320-003US1

Amendments to the Specification:

Please insert the following section heading at page 1, line 2:

Field of the Invention

Please insert the following section heading at page 1, line 5:

Background of the Invention

Please insert the following section heading at page 2, line 9:

Summary of the Invention

Please insert the following section heading at page 11, line 13:

Brief Description of the Drawings

Please insert the following section heading at page 12, line 1:

Detailed Description of the Invention

Please replace the abstract as noted in the publication with the following amended abstract:

The inventive method for opto-acoustical imagery of an image object [[OBJ]] consists in a) generating an incident optical wave [[(INC)]] and a reference optical wave [[(REF)]] coherent therewith, b) oscillating the image object [[(OBJ)]] area at an acoustic frequency, c) sending the incident wave [[(INC)]] to said image object [[(OBJ)]], thereby generating a diffused signal wave [[(DIF)]], d) sending at least one part of said diffused signal wave [[(DIF)]] to a detection device [[(DET)]], e) sending the reference optical wave [[(REF)]] to the detection device [[(DET)]] avoiding the image object [[(OBJ)]], thereby generating an interferogram I (r, t), f) extracting digital information from said interferogram I (r, t), and in g) obtaining co-ordinates (U, V, W) from one measurement point of the image object [[(OBJ)]] associated to said digital information.